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Form PTO-1449 Modified		Docket No. ISIS-4723	Serial No. 09/823,031
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Muthiah Manoharan, et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date March 30, 2001	Group 1623-1635

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
JL	AM	4,415,732	11/15/83	Caruthers et al.	536	27
	AN	4,458,066	07/03/84	Caruthers et al.	536	27
	AO	4,500,707	02/19/85	Caruthers et al.	536	27
	AP	4,668,777	05/26/89	Caruthers et al.	536	27
	AQ	4,725,677	02/16/88	Köster et al.	536	27
	AR	4,973,679	11/27/90	Caruthers et al.	536	27
	AS	5,132,418	07/21/92	Caruthers et al.	536	27
	AT	5,149,798	09/22/92	Agrawal et al.	536	27
	AU	5,210,264	05/11/93	Yau	558	167
	AV	6,121,437	09/19/00	Guzaev, et al.	536	26.1
	AW	RE 34,069	09/15/92	Koster, et al.	536	27

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Examiner Initial		Document No.	Date	Country	Translation YES NO	
JL	AX	WO 96/39413	12/12/96	PCT		

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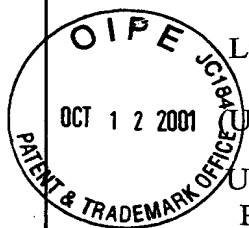
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	AB	Bannwarth, W., "Synthesis of Oligodeoxynucleotides by the Phosphite-Triester Method Using Dimer Units and Different Phosphorous-Protecting Groups," <i>Helvetica Chim. Acta</i> , 1985, 68, 1907-1913
	AC	Beaucage, S. L. et al., "Deoxynucleoside Phosphoramidites-A New Class of Key Intermediates for Deoxypolynucleotide Synthesis," <i>Tetrahedron Letts.</i> , 1981, 22, 1859-1862
	AD	Beaucage, S. L. et al., "Advances in the Synthesis of Oligonucleotides by the Phosphoramidite Approach," <i>Tetrahedron</i> , 1992, 48, 2223-2311
	AE	Iyer, R. P., "Solid-Phase Stereoselective Synthesis of Oligonucleoside Phosphorothioates: The Nucleoside Bicyclic Oxazaphospholidines as Novel Synthons," <i>Tetrahedron Letts.</i> , 1998, 39, 2491-2494
	AF	Khorana, H. G. et al., "Studies on Polynucleotides: Total Synthesis of the Structural Gene for an Alanine Transfer Ribonucleic Acid from Yeast," <i>J. Mol. Biol.</i> , 1972, 72, 209-217
	AG	Kumar, G. et al., "Improvements in Oligodeoxyribonucleotide Synthesis: Methyl N,N-Dialkylphosphoramidite Dimer Units for Solid Support Phosphite Methodology," <i>J. Org. Chem.</i> , 1984, 49, 4905-4912
	AH	Miura, K. et al., "Blockwise Mechanical Synthesis of Oligonucleotides by the Phosphoramidite Method," <i>Chem Pharm. Bull.</i> , 1987, 35, 833-836
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* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.



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	AL	Zioudrou, C. et al., "The Participation of the Amide Group in the Solvolysis of Phosphoric Acid Esters. I. Phosphotriesters in Alkaline Media," <i>J. Amer. Chem. Soc.</i> , 1963, 82, 3258-3264

EXAMINER**DATE CONSIDERED** 2-10-03